

Work Order ID 68735

Wednesday, April 20, 2011 11:17:06 AM



Page 1

Item ID:	D3016-15	Accept		Setup	Start	
Revision ID:					Stop	
Item Name:	Gusset					
Start Date:	4/20/2011	Start Qty:	6.00		Cust Item ID:	
Required Date:	4/25/2011	Req'd Qty:	6.00		Customer:	

Reference:

Approvals:	Process Plan:		Date:	11-04-20	Tooling:		Date:		Run	Start	
	QC:		Date:		SPC (Y/N):		Date:			Stop	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3016	Rev A								

100	FLOW WATER JET	0.00							
	Waterjet								
FLOW CNC Waterjet	Memo	0.00							
4130.050	1-Cut as per Dwg D3016 <input type="checkbox"/> Dwg Rev: <u>A</u> <input type="checkbox"/> Prog Rev: <u>A</u> <input type="checkbox"/> 2- Deburr if necessary								

B114-21

(13)

110	QC2- Inspect parts off machine FAI/FAIB	0.00							
	QC								
Quality Control	Memo	0.00							

B114-21

120	QC8- Inspect parts - second check	0.00							
	QC								
Quality Control	Memo	0.00							

8/10/21

413

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 68735

Wednesday, April 20, 2011 11:17:06 AM



Page 2

Item ID: D3016-15

Accept



Setup Start



Revision ID:

Stop



Item Name: Gusset

Start Date: 4/20/2011 Start Qty: 6.00



Cust Item ID:

Required Date: 4/25/2011 Req'd Qty: 6.00



Customer:

Reference:

Run Start



Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Stop



QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130



Packaging

Packaging

0.00

Memo

0.00

Packaging

Identify and bag with light oil (Vactra oil #2), then Stock *****STOCK IN
LARGE FAB*****
Location: _____

11/4/25

130

140



QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

11/4/25

11-04-25
13

W/O:		WORK ORDER CHANGES					
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Wednesday, April 20, 2011 11:17:12 AM

Page 1

Work Order ID: 68735

Parent Item: D3016-15

Parent Item Name: Gusset



Start Date: 4/20/2011

Required Date: 4/25/2011

Start Qty: 6.00

Required Qty: 6.00

Comments: IPP B03.05.09 Reformat KJ/RF
IPP Rev:C 08-04-11 now made on water jet DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M4130NS.049 		Purchased	No			100	sf	20.0000	0.0486	0.306947	.6		
											B11-4-21		

4130 Sheet .049

Location

Loc Qty

Loc Code

MAT020

20

11612

12

16443

8

11612

13

W/O:		WORK ORDER CHANGES					
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



DESIGN <i>CP</i>	DRAWN BY <i>CP</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>#</i>	APPROVED <i>#</i>	DRAWING NO. D3016	REV. A SHEET 1 OF 3
DATE 01.05.18		TITLE SEAT FRAME ASSEMBLY	SCALE NTS
A	01.05.18	NEW ISSUE	

QTY	PART NUMBER	DESCRIPTION	MATERIAL
X	D3016-041	SEAT FRAME ASSEMBLY	N/A
1	D3016-1	TUBE	AISI 4130N TUBE, Ø0.75 DIA x 0.049 WALL (M4130N-T0750W049)
2	D3016-3	TUBE	AISI 4130N TUBE, Ø0.75 DIA x 0.049 WALL (M4130N-T0750W049)
1	D3016-5	TUBE	AISI 4130N TUBE, Ø0.50 DIA x 0.049 WALL (M4130N-T0500W049)
2	D3016-7	TUBE	AISI 4130N TUBE, Ø0.50 DIA x 0.049 WALL (M4130N-T0500W049)
1	D3016-9	SADDLE	AISI 4130N TUBE, Ø1.00 DIA x 0.120 WALL (M4130N-T1000W120)
1	D3016-11	SADDLE	AISI 4130N TUBE, Ø1.00 DIA x 0.120 WALL (M4130N-T1000W120)
1	D3016-13	BRACKET	AISI 4130N SHEET, 18 GAUGE (M4130N-S049)
1	D3016-15	GUSSET	AISI 4130N SHEET, 18 GAUGE (M4130N-S049)
1	D3016-17	GUSSET	AISI 4130N SHEET, 18 GAUGE (M4130N-S049)
2	D3020-1	FITTING	N/A

NOTES

- 1) WELD PER DART QSI 004
- 2) ON SHEET METAL PARTS, BREAK ALL UNMARKED CORNERS 0.020-0.040
- 3) FINISH: POWDER COAT GREY SANDTEX (REF. 4.3.5.6) PER DART QSI 005 4.3
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. *68735*

R11-07-20

DEO ATTACHED

RELEASED
01.05.30 *#*

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Dart Aerospace Ltd

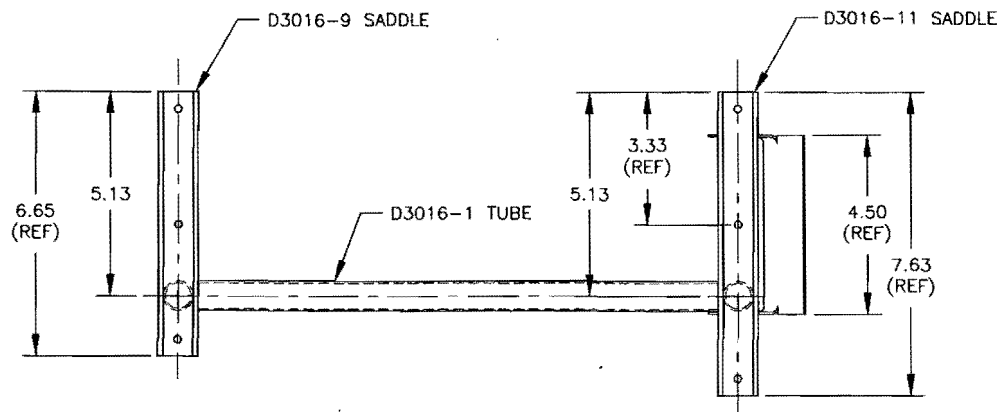
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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

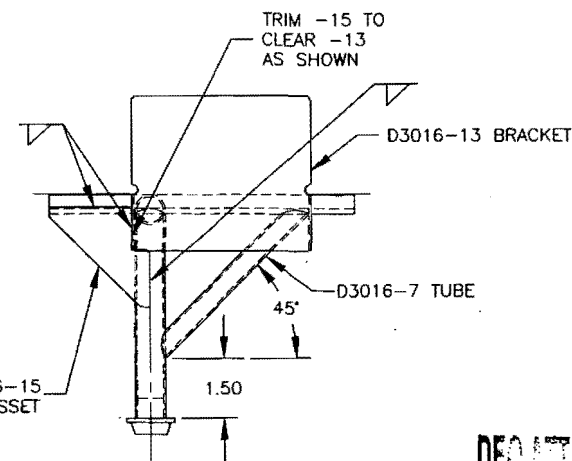
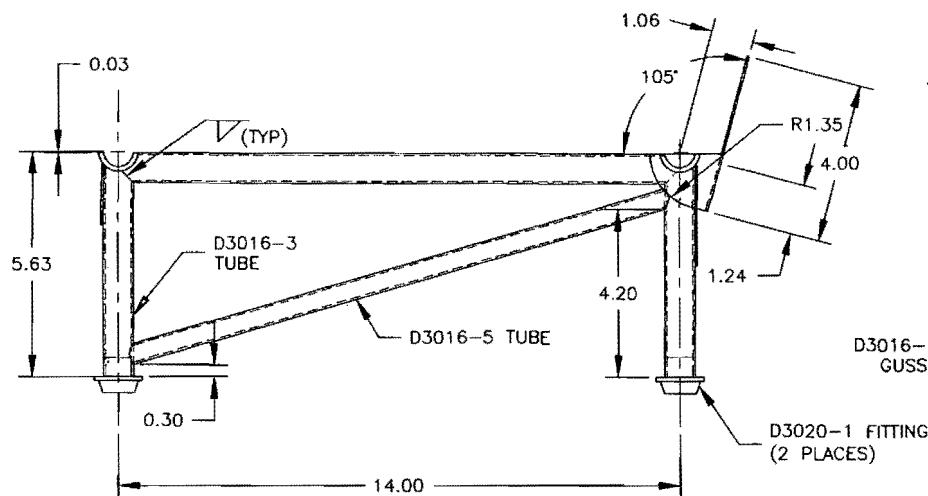
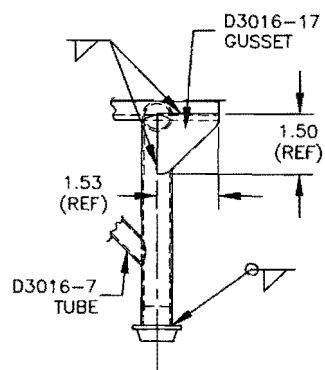
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

D3016-041 SEAT FRAME ASSEMBLY



u1048735



DETACHED

RELEASED
01.05.30

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DESIGN UP	DRAWN BY UP	DART	DART AEROSPACE LTD. HAWKESBURY, ONTARIO, CANADA
CHECKED #	APPROVED #	DRAWING NO. D3016	REV. A SHEET 2 OF 3
DATE 01.05.18		TITLE SEAT FRAME ASSEMBLY	SCALE 1:3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

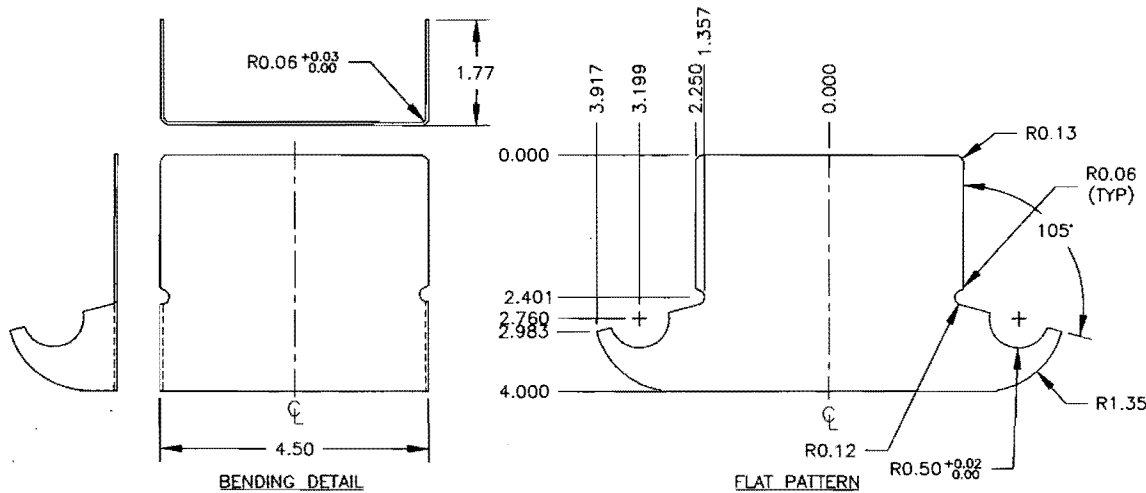
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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

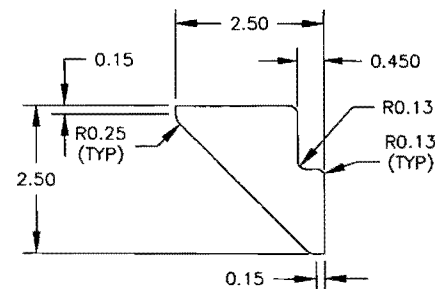
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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

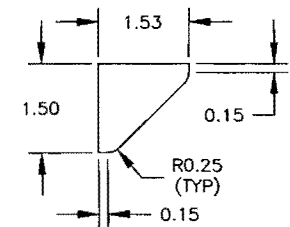
W/L 68 735



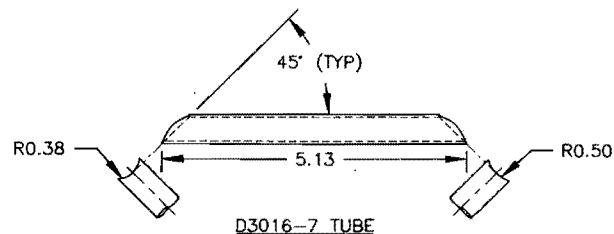
D3016-13 BRACKET



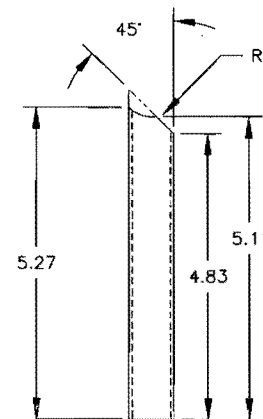
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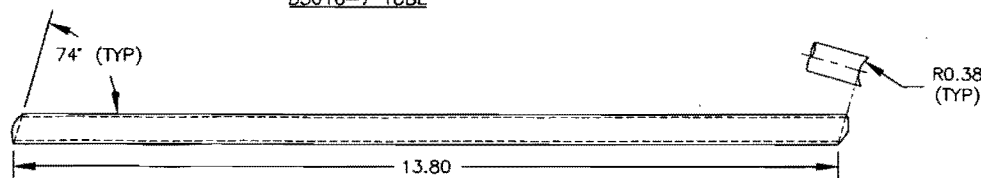
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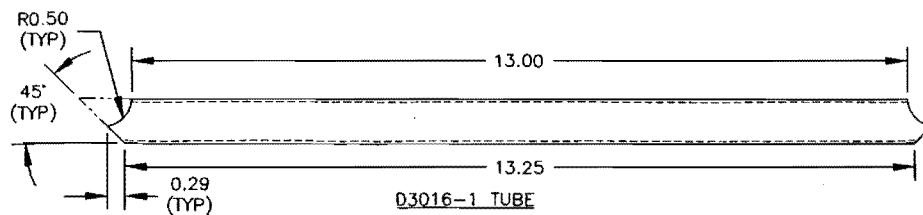
D3016-7 TUBE



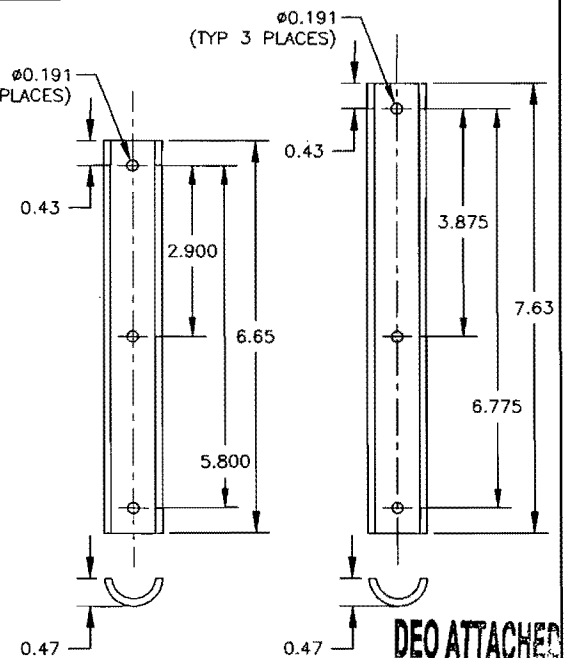
D3016-3 TUBE



D3016-5 TUBE



D3016-1 TUBE



D3016-9 SADDLE

D3016-11 SADDLE

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DESIGN	CP	DRAWN BY	CP	DART	DART AEROSPACE LTD. HARRISBURG, ONTARIO, CANADA
CHECKED	#	APPROVED	#	DRAWING NO. D3016	REV. A SHEET 3 OF 3
DATE	01.05.18	TITLE	SEAT FRAME ASSEMBLY	SCALE	1:2

DEO ATTACHED
RELEASED
9.05.30

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

DRAWING NO. D3016	TITLE SEAT FRAME ASSEMBLY	REV. A	DART AEROSPACE LTD ENGINEERING ORDER	D.E.O. NO. D3016-A-1	SHEET NO. SHEET 1 OF 1	SCALE NTS
DRAWN <i>1</i>	CHECKED <i>UP</i>	MFG. APPR. <i>RE</i>	APPROVED <i>MP</i>	DE APPR. <i>11</i>		
DATE 10.01.29	DATE 10.01.29	DATE 10.01.29	DATE 10.01.29	DATE 10.01.29		

PURPOSE:

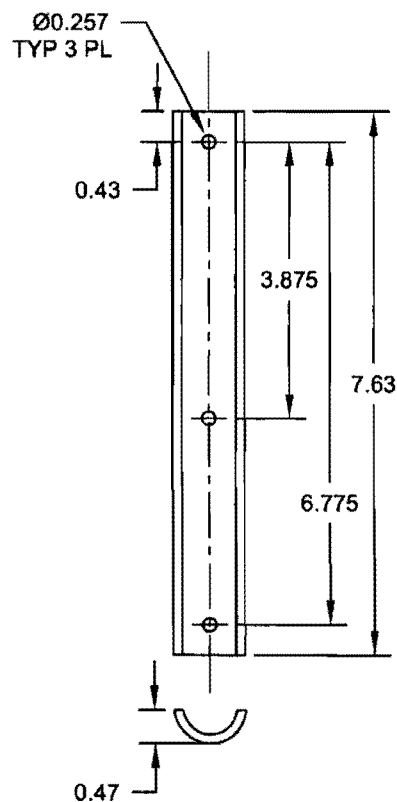
TO REVISE D3016-11 SADDLE'S HOLE SIZES

CHANGE:

DETAIL D3016-11 SADDLE (SHEET 3): Ø0.257 TYP 3 PL WAS Ø0.191 (TYP 3 PLACES) AS SHOWN:

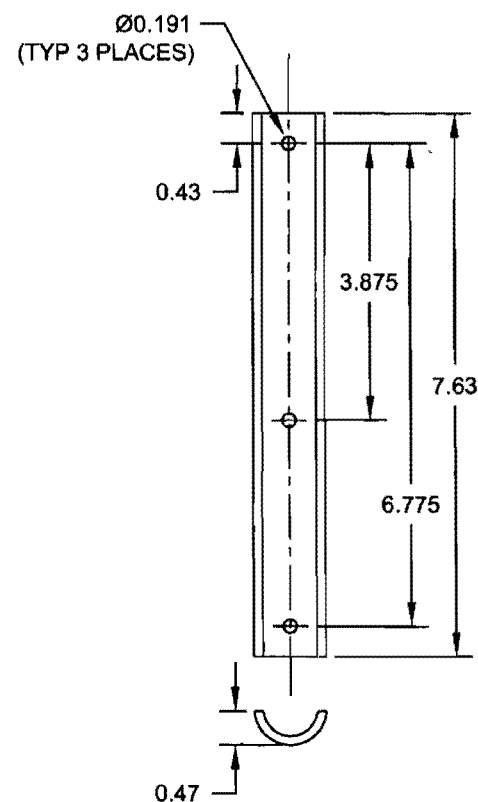
u/c 68535

IS:



D3016-11 SADDLE

WAS:



D3016-11 SADDLE

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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